



Generic Results Chains, Objectives & Indicators for Strategies Funded through the State Wildlife Grants Program

v January 2018

This document contains generic results chains, objectives, and indicators for 13 key strategies (also known as actions) supported by US State Wildlife Grants from the US Fish and Wildlife Service Wildlife and Sportfish Restoration (WSFR) Program. These materials will form the basis for the effectiveness measures for US State Wildlife Grants being implemented in WSFR's Wildlife TRACS database.

The materials in this document were originally based on work done by the Effectiveness Measures Working Group of the Association of Fish and Wildlife Agencies (AFWA), captured in the report "[Measuring the Effectiveness of State Wildlife Grants](#)" published by AFWA in 2011. Those initial materials were simplified and adapted by a WSFR working group to fit the broader suite of actions implemented by all WSFR programs. This document represents a modification of the WSFR document focused singularly on State Wildlife Grant funded activities. The authoritative version of these materials will be available in the [Conservation Actions and Measures Library \(CAML\)](#).

Strategies Covered in this Document Include:

1. Conservation Area Designation
2. Coordination & Administration
3. Data Collection & Analysis
4. Direct Habitat & Species Management
5. Environmental Review
6. Incentives
7. Outreach & Communications
8. Planning
9. Real Property Acquisition, Easement or Lease
10. Species Reintroduction / Augmentation
11. Stakeholder Involvement
12. Technical Assistance
13. Training

Key to Results Chains in this Document:

Key to Results Chain Symbols	
Post Award Result	Target
Intermediate Result	Strategy (aka Action)
Blue = Enabling Condition	
Activity	Related Strategy
Indicator	Goal / Objective



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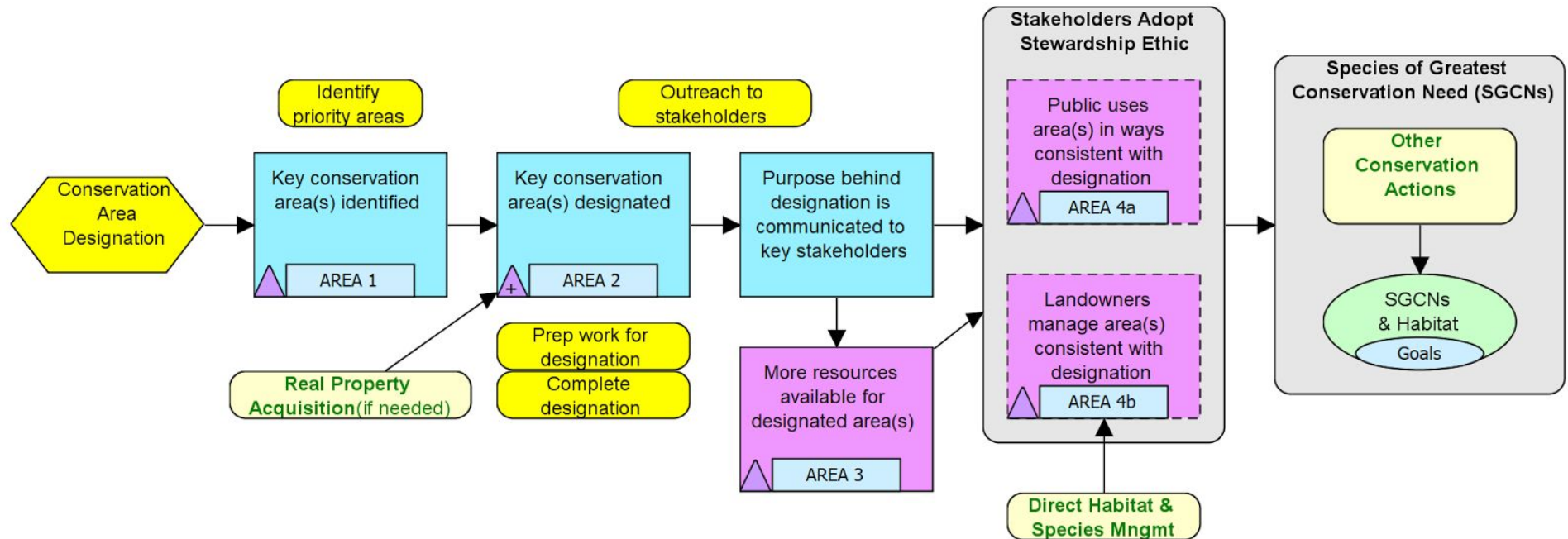
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1. Conservation Area Designation

Definition: Designation of a site or landscape as having unique and important value to wildlife with or without legal protections.

Examples: Establishing a wildlife refuge or an important bird area.

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	AREA 1. Key conservation area(s) identified	The grant application identifies “key” conservation area(s) for designation. “Key” = Areas that meet conservation needs (e.g. Conservation Opportunity Areas) that have been prioritized within the SWAP or through other systematic prioritization processes	“Key” conservation area(s) prioritized to: - Implement SWAP - Implement action prioritized in other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	AREA 2. Key conservation area(s) designated	Key conservation area(s) given appropriate designation.	# sites designated # acres designated	Results in Final Report

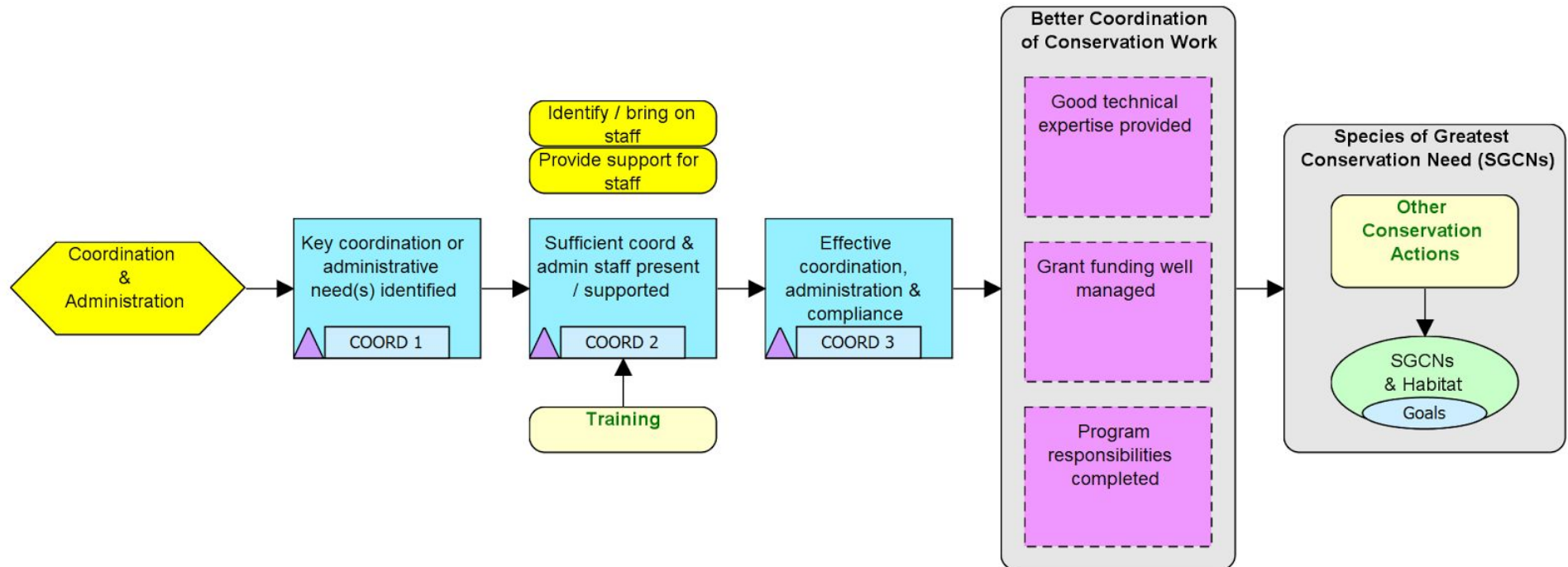
			# stream miles designated	
<input type="checkbox"/>	AREA 3. More resources available for designated area(s)	Following designation, a substantial increase in resources (funding, human resources, and/or programs) occurs that benefit the designated conservation area(s).	Degree to which designation has increased resources: <ul style="list-style-type: none"> - Very substantially - Substantially - Moderately - Minimally or not at all - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
<input type="checkbox"/>	AREA 4a. Public uses area(s) in ways consistent with designation	Following designation, the public uses the designated area(s) in a manner and degree consistent with the designation.	Degree to which public use is consistent with designation: <ul style="list-style-type: none"> - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
<input type="checkbox"/>	AREA 4b. Landowners manage area(s) consistent with designation	Following designation, public and private landowners manage the designated area(s) in a way consistent with the designation.	Degree to which management is consistent with designation: <ul style="list-style-type: none"> - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
<input type="checkbox"/>	<i>Identify priority areas</i>			
<input type="checkbox"/>	<i>Prep work for designation</i>			
<input type="checkbox"/>	<i>Complete designation</i>			
<input type="checkbox"/>	<i>Outreach to stakeholders</i>			

2. Coordination & Administration

Definition: Basic management of conservation programs and agencies/organizations.

Examples: Administrative support for implementation of wildlife action plans (eg. grants management, contracts management, compliance documentation).

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	COORD 1. Key coordination or administrative need(s) identified	The grant application identifies “key” coordination and/or administrative need(s). “Key” = Essential to help meet statutory requirement and/or to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” coordination and/or administrative need(s) justified to: - Help meet statutory requirement - Implement SWAP - Implement action prioritized in other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal

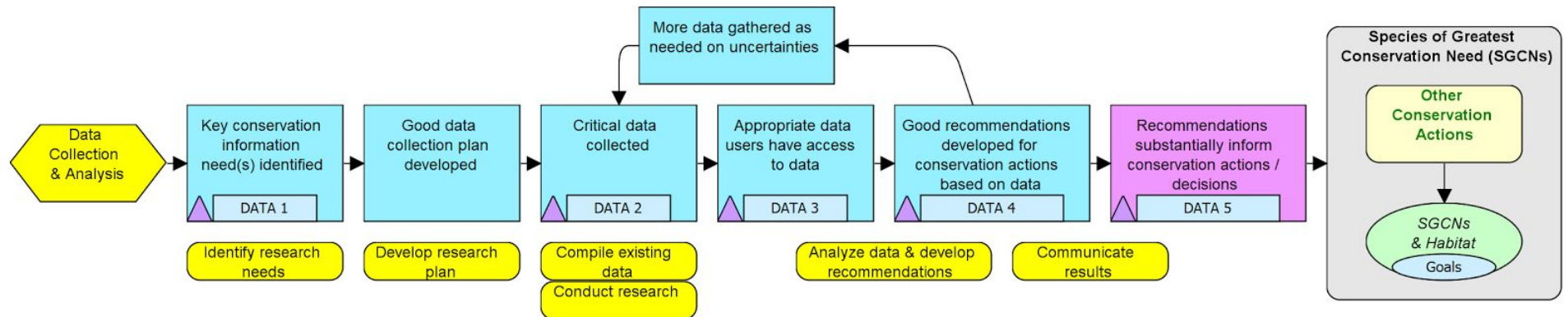
■	COORD 2. Sufficient coord & admin staff present / supported	<p>“Sufficient” coordination and administration staff are available over the relevant time period. “Sufficient” = Adequate number of qualified staff required to meet key coordination and administration needs</p>	<p>“Sufficient” staff to meet key conservation and administration needs:</p> <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Results in Final Report
■	COORD 3. Effective coordination, administration & compliance	<p>“Effective” coordination, administration and compliance with overall program. “Effective” = satisfactory completion of needed work (e.g. submission and close-out of grants) in a timely fashion and in compliance with all applicable laws and regulations</p>	<p>Degree to which coordination, administration and compliance is consistent with the criteria for “effective”:</p> <ul style="list-style-type: none"> - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Results in Final Report
●	<i>Identify / bring on staff</i>			
●	<i>Provide support for staff</i>			

3. Data Collection & Analysis

Definition: Collecting data about species and habitats and the threats to them to fill information needs; includes compilation, management, synthesis, analysis, and reporting of spatial and nonspatial data. Includes both specific research studies and data collection on an ongoing basis.

Examples: Collecting long term data on a species, conducting a specific research study

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	DATA 1. Key conservation information need(s) identified	The grant application identifies “key” conservation information need(s) and associated “critical” data “Key” = Essential to meet conservation needs of SGCN (or other prioritized species) and their habitat “Critical” = Minimum data required to meet key conservation information need(s)	“Key” information need(s) justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	DATA 2. Critical data collected	Critical data are collected as planned.	Critical data collected to answer key conservation information need(s): - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report

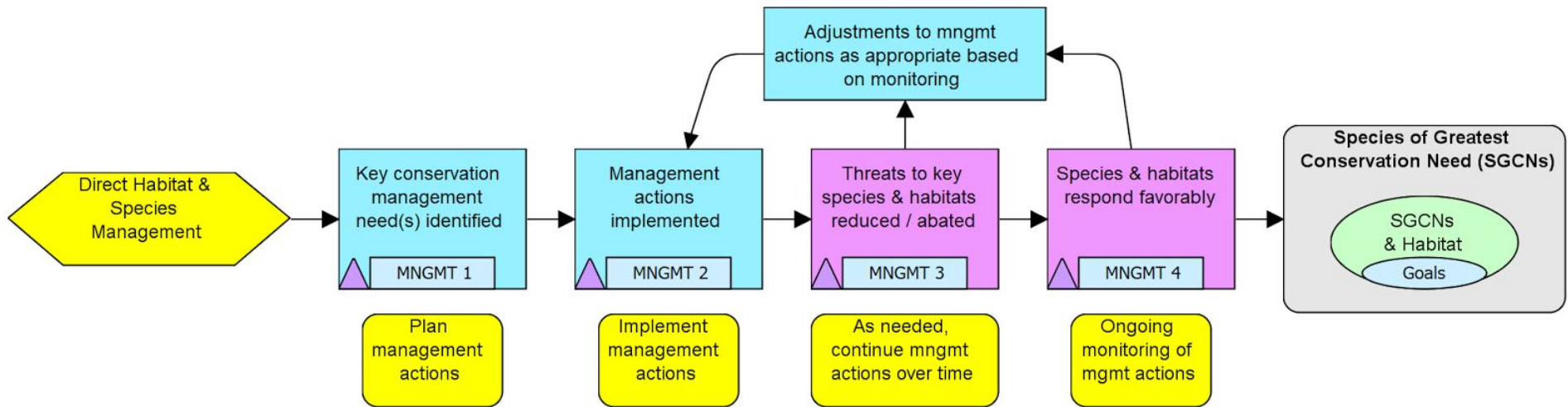
<input type="checkbox"/>	<p>DATA 3. Appropriate data users have access to data</p>	<p>“Appropriate” data users have timely access to all relevant data. “Appropriate” = users who require access to data to achieve conservation aims</p>	<p>“Appropriate” data users have access to data. Check all boxes that apply:</p> <ul style="list-style-type: none"> - Federal - State - Local - Tribal - Private (NGOs, Industry, etc.) - Academic - General public - Other 	<p>Results in Final Report</p>
<input type="checkbox"/>	<p>DATA 4. Good recommendations developed for conservation actions based on data</p>	<p>“Good” recommendations for conservation action have been developed based on the data collection effort. “Good” = evidence-based, actionable, realistic</p>	<p>Degree to which conservation action recommendations are consistent with the criteria for “good”:</p> <ul style="list-style-type: none"> - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	<p>Results in Final Report</p>
<input type="checkbox"/>	<p>DATA 5. Recommendations substantially inform conservation actions / decisions</p>	<p>Recommendations “substantially” inform relevant conservation actions / decisions “Substantially” = Recommendations were used, considered, and/or evaluated in making conservation actions / decisions</p>	<p>Degree to which recommendations have “substantially” informed conservation actions / decisions:</p> <ul style="list-style-type: none"> - Very substantially - Substantially - Moderately - Minimally or not at all - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	<p>Post award monitoring, survey, and review</p>
<input type="checkbox"/>	<p><i>Identify research needs</i></p>			
<input type="checkbox"/>	<p><i>Develop research plan</i></p>			
<input type="checkbox"/>	<p><i>Compile existing data / Conduct research</i></p>			
<input type="checkbox"/>	<p><i>Analyze data & develop recommendations</i></p>			
<input type="checkbox"/>	<p><i>Communicate results</i></p>			

4. Direct Habitat & Species Management

Definition: Stewardship of terrestrial and aquatic species, habitats and/or natural processes to maintain populations or restore ecological functions.







Examples: Managing a population of a species, conducting controlled burns, disease management

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	MNGMT 1. Key conservation management need(s) identified	The grant application identifies “key” conservation management need(s). “Key” = Essential to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” management need(s) justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	MNGMT 2. Management actions implemented	All management actions to address key needs are implemented as planned.	Proportion of identified management actions implemented: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet	Results in Final Report

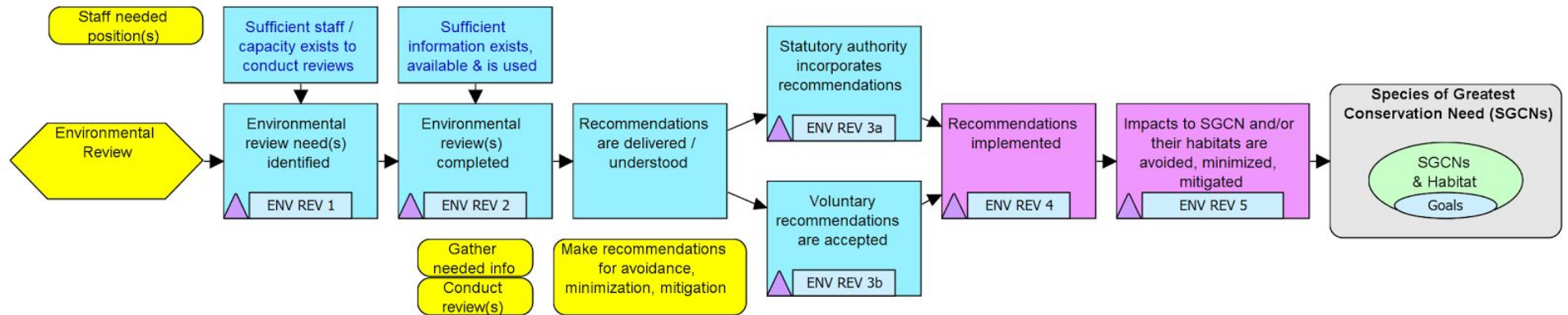
			<ul style="list-style-type: none"> - Not known - Not applicable / situation changed* <p><i>Comment:</i></p> <p>-----</p> <ul style="list-style-type: none"> - Initial objective - Actual acres etc 	
	MNGMT 3. Threats to key species & habitats reduced / abated	The desired threat or stress reduction/abatement is seen.	<p>Degree to which management action has led to or is on track for desired threat or stress reduction/abatement:</p> <ul style="list-style-type: none"> - Very substantially - Substantially - Moderately - Minimally or not at all - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	<p>Results in Final Report</p> <p>or</p> <p>Post award monitoring, survey, and review</p>
	MNGMT 4. Species & habitats respond favorably	Key species and habitats within the action area respond as expected from direct management actions.	<p>Degree to which management action has led to or is on track for desired species &/or habitat response:</p> <ul style="list-style-type: none"> - Very substantially - Substantially - Moderately - Minimally or not at all - Not yet - Not applicable / situation changed* <p><i>Comment:</i></p>	<p>Results in Final Report</p> <p>or</p> <p>Post award monitoring, survey, and review</p>
	<i>Plan management actions</i>			
	<i>Implement management actions</i>			
	<i>As needed, continue mngmt actions over time</i>			
	<i>Ongoing monitoring of mgmt actions</i>			

5. Environmental Review

Definition: Review of agency and private sector policies, projects and plans (primarily development or resource use projects) to help ensure potential impacts to fish and wildlife are avoided, minimized and/or compensated/mitigated. Includes providing technical assistance in service of this strategy.

Examples: Reviewing a highway construction project, reviewing power transmission corridor proposal, review road salt application policy

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	ENV REV1. Environmental review need(s) identified	The grant application identifies “key” environmental review need(s). “Key” = Essential to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” environmental review need(s) justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	ENV REV 2. Environmental review(s) completed	All SWG funded review(s) completed in a “timely” and “comprehensive” fashion. “Timely” = within established deadlines “Comprehensive” = identifies critical wildlife issues and/or makes recommendations for avoidance, minimization, and/or mitigation of potential impacts as needed	Proportion of funded environmental reviews completed on a “timely” and “comprehensive” basis: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known	Results in Final Report

			<p>- Not applicable / situation changed* <i>Comment:</i> ----- - number of reviews</p>	
<input type="checkbox"/>	ENV REV 3a. Statutory authority incorporates recommendations	Relevant permitting entities or regulatory agencies accept and incorporate recommendations into their review/permit process and documentation.	<p>Proportion of recommendations incorporated into relevant permits and documentation: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i></p>	Results in Final Report
<input type="checkbox"/>	ENV REV 3b. Voluntary recommendations are accepted	Project implementers agree to accept recommendations	<p>Proportion of recommendations accepted by project implementers: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i></p>	Results in Final Report
<input type="checkbox"/>	ENV REV 4. Recommendations implemented	Recommendations are implemented in project plans or policy.	<p>Proportion of identified recommendations implemented: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i></p>	Post award monitoring, survey, and review
<input type="checkbox"/>	ENV REV 5. Impacts to SGCN and/or their habitats are avoided, minimized, mitigated	Based on the review, impacts to SGCN and/or their habitats are avoided, minimized, or mitigated.	Degree to which impacts to SGCN and/or their habitats avoided, minimized, or mitigated by the review:	Post award monitoring, survey, and review

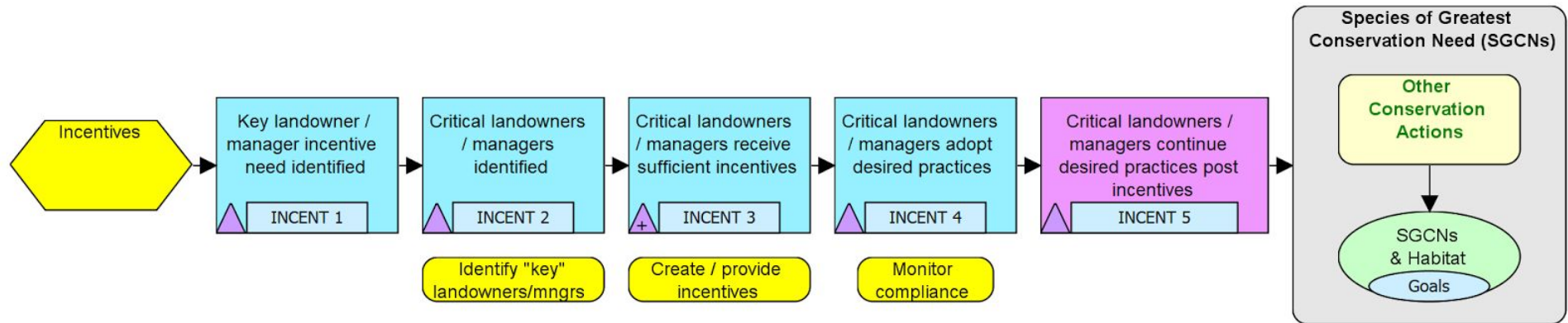
			<ul style="list-style-type: none"> - Very substantially - Substantially - Moderately - Minimally or not at all - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	
<input type="radio"/>	<i>Staff needed position(s)</i>			
<input type="radio"/>	<i>Gather needed information</i>			
<input type="radio"/>	<i>Conduct review(s)</i>			
<input type="radio"/>	<i>Make recommendations for avoidance, minimization, mitigation</i>			

6. Incentives

Definition: Development and delivery of incentives to private landowners to influence responsible stewardship of land/water and specific species.






Examples: Direct payments to landowners for stewardship actions, regulatory streamlining, financing restoration efforts

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	INCENT 1. Key landowner / manager incentive need identified	The grant application identifies “key” landowner/ manager incentive need. “Key” = Situation in which incentives are essential to get landowners / managers to adopt desired practices that contribute to the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” incentive need justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	INCENT 2. Critical landowners / managers identified	“Critical” landowners / managers requiring incentives to adopt desired practices are identified. “Critical” = The set of specific landowners / managers whose adoption of desired conservation practices are essential to meet conservation needs of SGCN (or other prioritized species) and their habitat	“Critical” landowners / managers identified: - Yes - No - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	INCENT 3. Critical landowners / managers receive sufficient incentives	All critical landowners / managers receive “sufficient” incentives. “Sufficient” = minimum incentive needed to adopt	Proportion of critical landowners / managers receiving “sufficient” incentives:	Results in Final Report

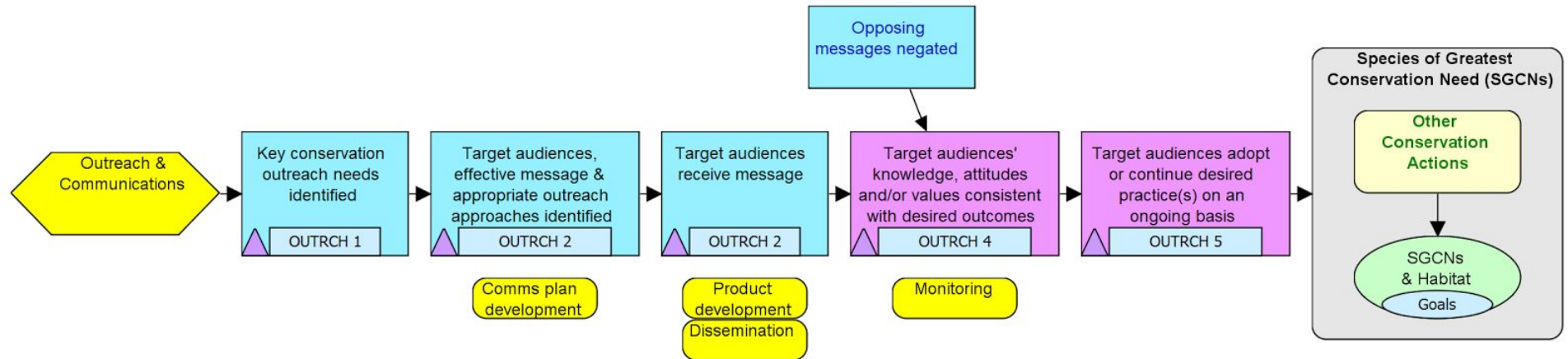
		desired practices	<ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i> -----</p> <p># of key landowners / managers receiving incentives # of key landowners / managers willing but NOT receiving incentives</p>	
	INCENT 4. Critical landowners / managers adopt desired practices	As a result of the incentive, all critical landowners / managers are adopting desired practices / complying with their incentive agreement.	<p>Proportion of critical landowners / managers who are adopting desired practices / complying with incentive agreement:</p> <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Results in Final Report
	INCENT 5. Critical landowners / managers continue desired practices post incentives	After the end of the incentive, all critical landowners / managers continue desired practices (or are at least likely to do so).	<p>Proportion of critical landowners / managers who are continuing desired practices (or is at least likely to do so):</p> <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Post award monitoring, survey, and review
	<i>Identify "key" landowners/mngrs</i>			
	<i>Create / provide incentives</i>			
	<i>Monitor compliance</i>			

7. Outreach & Communications

Definition: Actions or efforts to increase knowledge or understanding and encourage practices in support of conservation through instruction or distribution of materials or to provide general information in response to inquiries from the public or partners about SGCN conservation programs, actions, or activities.







Examples: Engaging with landowners to reduce fertilizer input on lawns, implement a Timber Rattlesnake outreach program

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	OUTRCH 1. Key conservation outreach need identified	The grant application identifies “key” conservation outreach need. “Key” = Essential to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” outreach need(s) justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	OUTRCH 2. Target audiences, effective message & appropriate outreach approaches identified	“Target audiences”, “effective message” & “appropriate outreach approaches” are identified. “Target audiences” = Specific individuals or groups who need to be reached to achieve conservation goals “Effective message” = Specific articulation of what needs to be communicated to the target audiences to achieve desired outcomes “Appropriate outreach approaches” = Effective	Degree to which the outreach activity is consistent with the criteria for “target audiences”, “effective message” & “appropriate outreach approaches”: - Very consistent - Consistent - Less consistent - Inconsistent - Not known	Results in Final Report

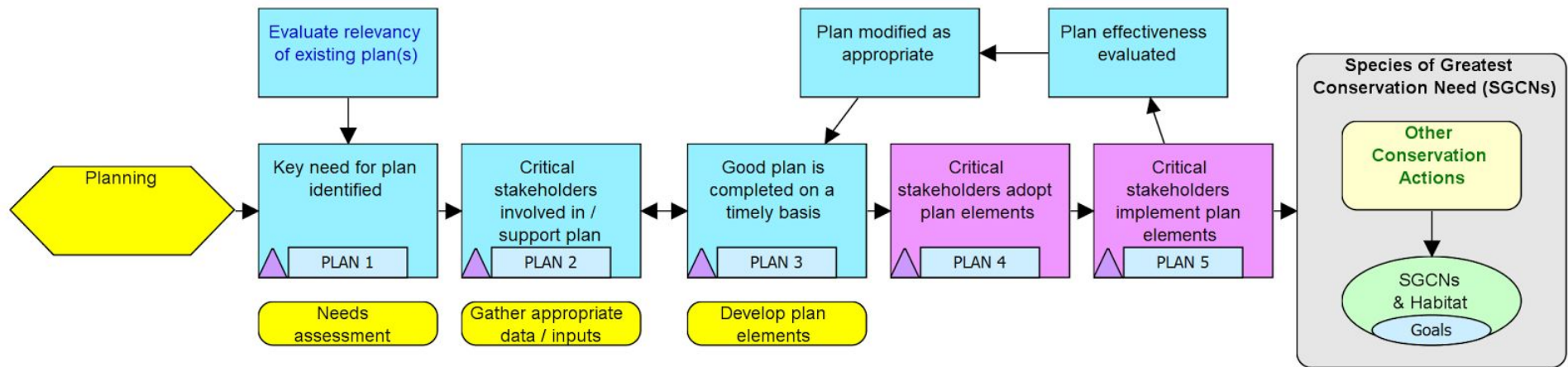
		means of reaching priority audiences	- Not yet - Not applicable / situation changed* <i>Comment:</i>	
	OUTRCH 3. Target audiences receive message	Target audiences receive the message.	Proportion of target audiences that received message: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not known - Not yet - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
	OUTRCH 4. Target audiences' knowledge, attitudes and/or values consistent with desired outcomes	Based on the outreach effort, there is a desired change in the target audiences' knowledge, attitudes and/or values.	Proportion of target audiences that have desired knowledge, attitudes, and/or values: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
	OUTRCH 5. Target audiences adopt or continue desired practice(s) on an ongoing basis	All of the targeted audiences adopt or continue the desired practice(s) on an ongoing basis.	Proportion of targeted audiences that adopt desired practice(s): - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
	<i>Comms plan development</i>			
	<i>Product development / Dissemination</i>			
	<i>Monitoring</i>			

8. Planning

Definition: Development of management plans for species and/or their habitats.

Examples: SWAP revisions, developing a management plan for a species, developing a climate resilience plan for an ecosystem, developing a land-use plan for a county/municipality





Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	PLAN 1. Key need for plan identified	The grant application identifies “key” planning needs. “Key”= Essential to meet legal requirement and/or to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” coordination and/or administrative need(s) justified to: <ul style="list-style-type: none"> - Meet legal requirement - Implement SWAP - Implement action prioritized in other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	PLAN 2. Critical stakeholders involved in / support plan	All “critical” agencies and other stakeholders are appropriately involved in and/or support the plan (or at at least are not hostile). “Critical” = The set of stakeholders whose participation is essential in order to develop & implement plan	Proportion of “critical” stakeholders involved in / supporting plan: <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) 	Results in Final Report

			<ul style="list-style-type: none"> - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i> -----</p> <p>Types of “key” stakeholders substantially involved (check all that apply):</p> <ul style="list-style-type: none"> - Federal agency - State agency - Municipal agency - Tribal - NGOs / citizen groups - Business / corporate - University / research - Other 	
<input checked="" type="checkbox"/>	PLAN 3. Good plan is completed	<p>“Good” plan is completed. “Good” =</p> <ul style="list-style-type: none"> - relevant to conservation targets - actionable - makes strategic choices with regard to actions to address threats and targets - peer or authority reviewed - meets required elements - stakeholder participation / consent - completed on a timely basis 	<p>Degree to which the completed plan is consistent with the criteria for “good”:</p> <ul style="list-style-type: none"> - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Results in Final Report
<input type="checkbox"/>	PLAN 4. Critical stakeholders adopt plan elements	Critical agencies and other stakeholders receive the plan and incorporate relevant plan elements into their own work plans and resource them appropriately	<p>Proportion of critical stakeholders that appropriately incorporate relevant plan elements in their own plans and resource them appropriately:</p> <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Post award monitoring, survey, and review

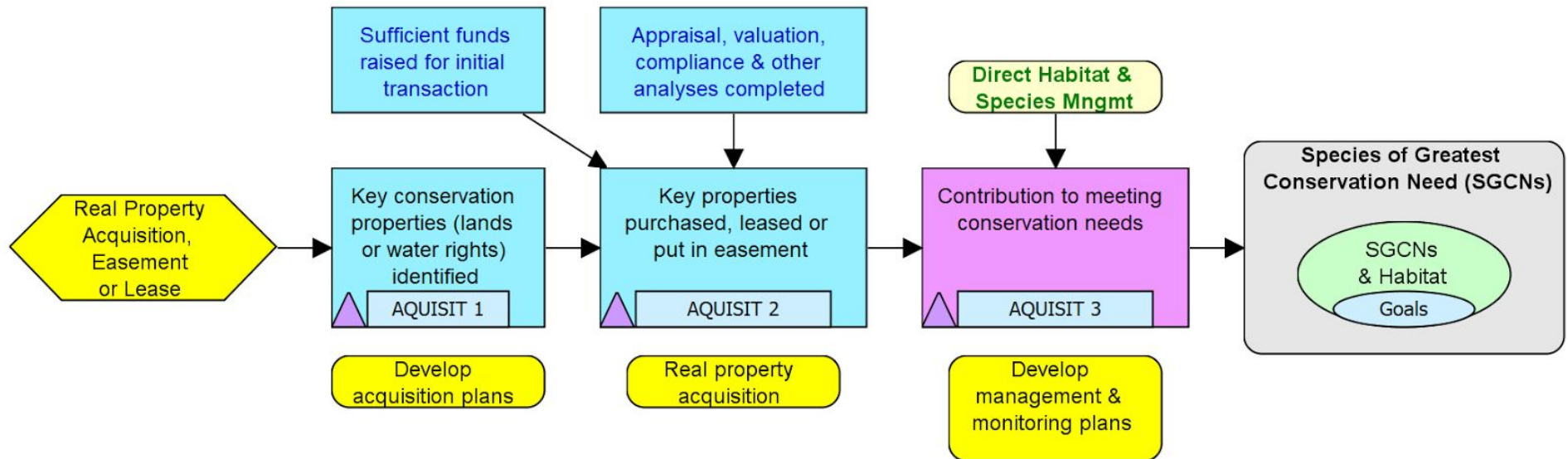
	PLAN 5. Critical stakeholders implement plan elements	Critical agencies and other stakeholders follow through and implement relevant plan elements on a timely basis.	Proportion of critical stakeholders that appropriately implement relevant plan elements: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
	<i>Needs assessment</i>			
	<i>Gather appropriate data / inputs</i>			
	<i>Develop plan elements</i>			

9. Real Property Acquisition, Easement or Lease

Definition: Acquisition of land or water real property or rights through fee title acquisition, permanent easement, lease, contract, or a related means.

Examples: Purchase of land in a corridor connecting a Wildlife Management Area and a National Wildlife Refuge, 20-year lease for a privately-owned wet meadow to meet conservation needs of the Bog Turtle

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	AQUISIT 1. Key conservation properties (lands or water rights) identified	The grant application identifies “key” properties (lands or water rights) for acquisition. “Key” = Properties that meet conservation needs that have been identified within the SWAP or through other systematic prioritization processes	Key conservation properties: - Explicitly prioritized in SWAP - Prioritized by other systematic process - Other <i>Comment:</i>	Needs statement in Proposal
■	AQUISIT 2. Key properties purchased, leased or put in easement	Key properties purchased, leased or put in an easement and “integrated” into agency management systems. “Integrated” = completing legal transactions, initiate standard management as appropriate	# acres (disaggregated by purchase, lease or easement) # acre-feet of water rights	Results in Final Report

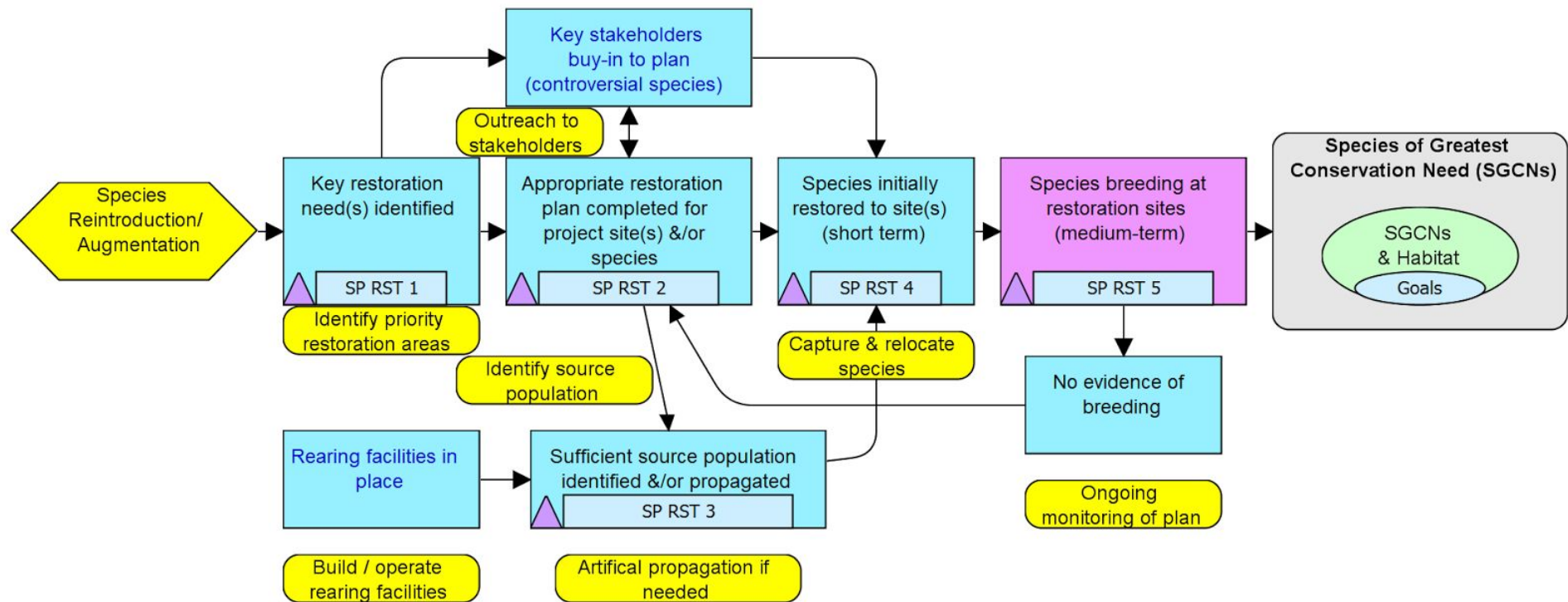
<input type="checkbox"/>	AQUISIT 3. Contribution to meeting conservation needs	Acquisition contributes to meeting identified conservation needs.	Degree to which acquisition is consistent with meeting conservation needs: - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
<input type="checkbox"/>	<i>Develop acquisition plans</i>			
<input type="checkbox"/>	<i>Real property acquisition</i>			
<input type="checkbox"/>	<i>Develop mngmt & monitoring plans</i>			

10. Species Reintroduction / Augmentation

Definition: Reintroduction, relocation or augmentation of native animals or plants or translocation of animals to an area where they are not currently found or need to be augmented.

Examples: Reintroduction of endangered mussels, stocking of native fish, developing facilities for propagation of species

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	SP RST 1. Key restoration need(s) identified	The grant application identifies “key” restoration needs for one or more species. “Key” = Essential to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” restoration need(s) justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal

■	SP RST 2. Appropriate restoration plan completed for project site(s) &/or species	Before restoration efforts start, an “appropriate” restoration plan is completed for the project site(s) and/or species. “Appropriate” = 1) clear biological objectives, 2) appropriate source(s) of the species, 3) methods for transferring the species to the sites, 4) monitoring and follow-up methods, 5) clear criteria for project conclusion (both unsuccessful and successful), and 6) risk & monitoring assessment	Degree to which the completed restoration plan is consistent with the criteria for “appropriate”: - Very consistent - Consistent - Less consistent - Inconsistent - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	SP RST 3. Sufficient source population identified &/or propagated	Before restoration efforts start, “sufficient” animals have been appropriately sourced or propagated. “Sufficient” = enough to meet needs of identified restoration area(s) without harming source population	“Sufficient” animals have been appropriately sourced/propagated to meet restoration needs: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	SP RST 4. Species initially restored to site(s) (short-term)	“Sufficient” number of “animal units” have been introduced to site(s). “Sufficient” = Minimum needed to achieve conservation objectives “Animal units” = individuals, breeding pairs, communities, pounds of fish fry or other measures as appropriate	“Sufficient” animal units have been introduced to site(s): - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	SP RST 5. Species breeding at restoration sites (medium-term)	Since introduction, restored population is successfully breeding within all restoration site(s).	Proportion of site(s) with evidence of successful breeding: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet	Post award monitoring, survey, and review

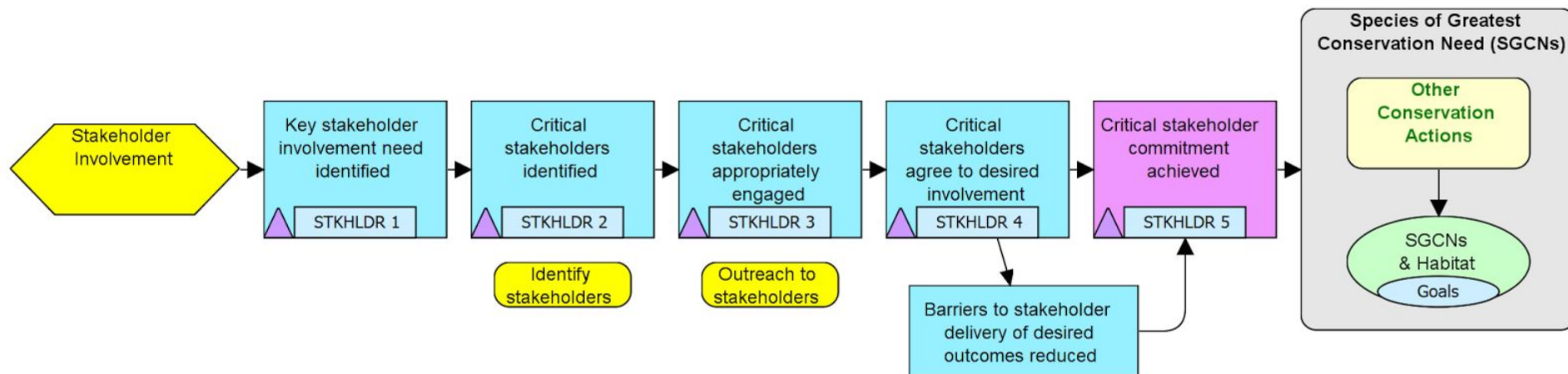
			- Not known - Not applicable / situation changed* <i>Comment:</i>	
<input type="radio"/>	<i>Identify priority restoration areas</i>			
<input type="radio"/>	<i>Outreach to stakeholders</i>			
<input type="radio"/>	<i>Identify source population</i>			
<input type="radio"/>	<i>Build / operate rearing facilities</i>			
<input type="radio"/>	<i>Artificial propagation if needed</i>			
<input type="radio"/>	<i>Capture & relocate species</i>			
<input type="radio"/>	<i>Ongoing monitoring plan</i>			

11. Stakeholder Involvement

Definition: Engaging key partners, resource users and communities to achieve shared conservation objectives / coordination across overlapping areas of interest.

Examples: Getting stakeholder buy-in for species re-introduction, convene an advisory committee to assist with implementation of a State Wildlife Action Plan

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	STKHLDR 1. Key stakeholder involvement need identified	The grant application identifies “key” stakeholder involvement need. “Key” = Situation in which stakeholder involvement is essential to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” stakeholder involvement need justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	STKHLDR 2. Critical stakeholders identified	“Critical” stakeholders and desired level of involvement identified. “Critical” = The set of individuals or groups who can either facilitate or impede conservation work	“Critical” stakeholders and desired level of involvement identified: - Yes - No - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report

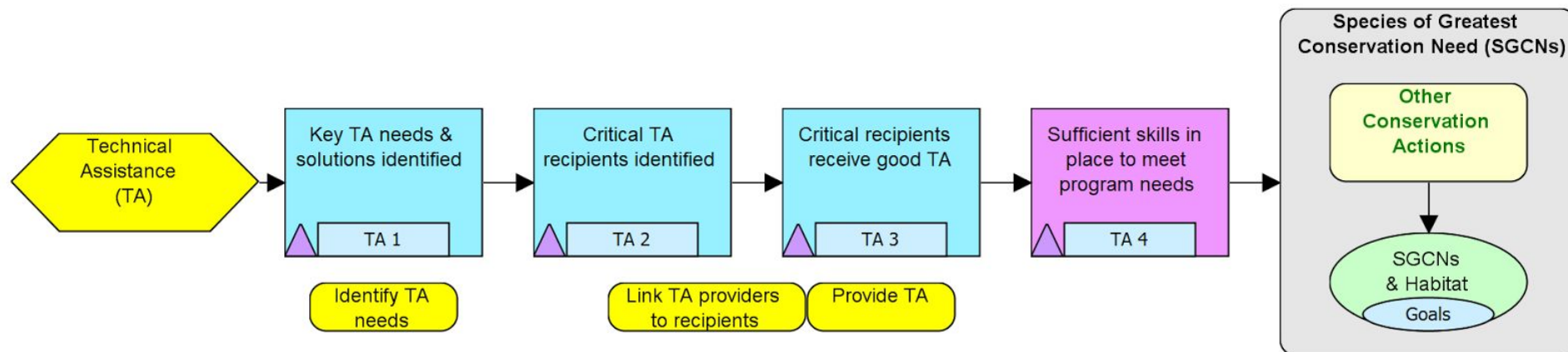
■	STKHLDR 3. Critical stakeholders appropriately engaged	All critical stakeholders are “appropriately” engaged. “Appropriate” = Culturally sensitive and consistent with conservation goals	Proportion of critical stakeholders “appropriately” engaged: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	STKHLDR 4. Critical stakeholders agree to desired involvement	All critical stakeholders agree to desired level of involvement.	Proportion of critical stakeholders who agree to desired level of involvement: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	STKHLDR 5. Critical stakeholder commitment achieved	All critical stakeholders who agreed to be involved follow through on commitments	Proportion of critical stakeholders who follow through on commitments: - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
●	<i>Identify stakeholders</i>			
●	<i>Outreach to stakeholders</i>			

12. Technical Assistance

Definition: Provide tangible, practical support for professionals, key stakeholders, or others to implement specific conservation actions.

Examples: Providing assistance with controlled burns, serving on a Joint Venture panel, helping landowner to write management plan

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
■	TA 1. Key TA needs & solutions identified	The grant application identifies “key” technical assistance need(s) and feasible solutions for meeting to these needs. “Key” = Situation in which providing specific skills, knowledge and/or advice is essential to help recipients take actions needed to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” technical assistance need justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
■	TA 2. Critical TA recipients identified	“Critical” recipients of technical assistance identified. “Critical” = The set of specific stakeholders who need the skills, knowledge and/or advice to implement needed conservation actions	“Critical” technical assistance recipients identified: - Yes - No - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
■	TA 3. Critical recipients receive good	All critical recipients receive “good” technical	Proportion of critical recipients receiving	Results in Final

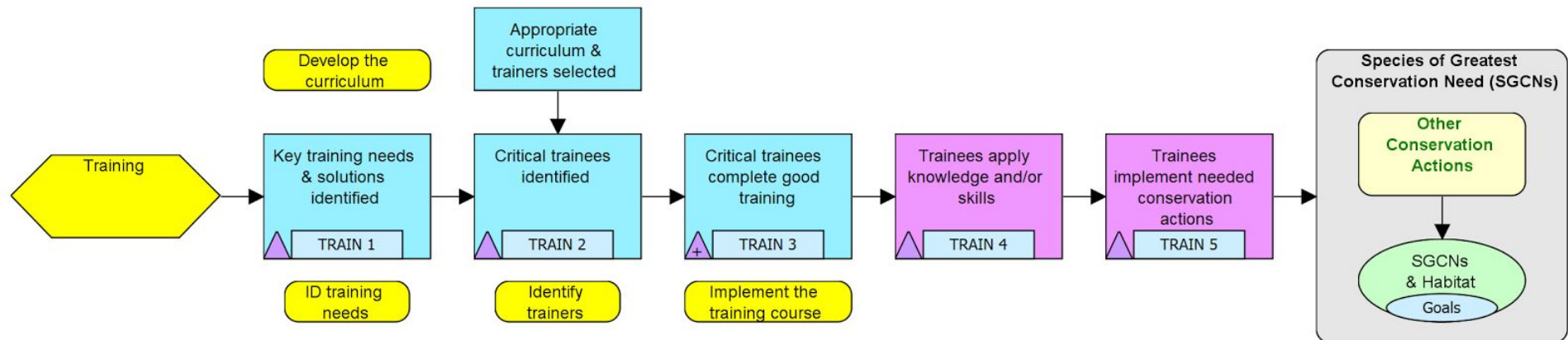
	technical assistance	assistance. "Good" = Skills, knowledge and/or advice to implement needed conservation actions	"good" technical assistance: <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i> ----- # of critical stakeholders receiving TA # of critical stakeholders willing but NOT receiving TA	Report
<input type="checkbox"/>	TA 4. Critical recipients implement needed conservation actions	As a result of the technical assistance, critical recipients are implementing needed conservation actions.	Proportion of critical recipients implementing needed conservation actions: <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Post award monitoring, survey, and review
<input type="checkbox"/>	<i>Identify TA needs</i>			
<input type="checkbox"/>	<i>Link TA providers to recipients</i>			
<input type="checkbox"/>	<i>Provide TA</i>			

13. Training

Definition: Skills development for professionals, key stakeholders, or others to facilitate needed management activities and techniques. It does not include training that is minor or routine component of implementing another action. It includes training of trainers needed to conduct a training.

Examples: Controlled burns, farmer use of BMPs, citizen science

Results Chain



Generic Objectives & Indicators

	Result / Activity	Generic Objective	Generic Indicator(s)	Source
☐	TRAIN 1. Key training needs & solutions identified	The grant application identifies “key” training need(s) and feasible solutions for meeting these needs. “Key” = Situation in which helping trainees develop specific skills and/or knowledge is essential for actions needed to meet the conservation needs of SGCN (or other prioritized species) and their habitat	“Key” training need justified to: - Implement SWAP - Implement action prioritized through other systematic process - Address an emerging issue - Other <i>Comment:</i>	Needs statement in Proposal
☐	TRAIN 2. Critical trainees identified	“Critical” trainees identified. “Critical” = The set of specific stakeholders who need the skills and/or knowledge to implement needed conservation actions	“Critical” trainees identified: - Yes - No - Not yet - Not known - Not applicable / situation changed* <i>Comment:</i>	Results in Final Report
☐	TRAIN 3. Critical trainees complete good training	All critical trainees complete “good” training. “Good” = Develops skills and/or knowledge to implement needed conservation actions	Proportion of critical trainees completing “good” training: - Most or all (> 80%) - More than half (50 - 80%)	Results in Final Report

			<ul style="list-style-type: none"> - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i> -----</p> <p># of critical trainees receiving training # of critical trainees willing but NOT receiving training</p>	
<input type="checkbox"/>	TRAIN 4. Trainees apply knowledge and/or skills	All trained individuals successfully apply their new skills at least once to appropriate problems.	Proportion of critical trainees applying their skills and/or knowledge: <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Post award monitoring, survey, and review
<input type="checkbox"/>	TRAIN 5. Trainees implement needed conservation actions	All trainees implement needed conservation actions on an ongoing basis.	Proportion of critical trainees implementing needed conservation actions: <ul style="list-style-type: none"> - Most or all (> 80%) - More than half (50 - 80%) - Less than half (20 - 49%) - Few or none (< 20%) - Not yet - Not known - Not applicable / situation changed* <p><i>Comment:</i></p>	Post award monitoring, survey, and review
<input type="checkbox"/>	<i>ID training needs</i>			
<input type="checkbox"/>	<i>Develop the curriculum</i>			
<input type="checkbox"/>	<i>Identify trainers</i>			
<input type="checkbox"/>	<i>Implement the training course</i>			